

Message Text

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ACTION SCI-03

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EO 11652: N/ A

TAGS: AORG APER IAEA

SUBJECT: IAEA EXPERT ASSIGNMENT - ARG/1/10

1. AGENCY HAS BEEN SEEKING CANDIDATE FOR SUBJECT PROJECT IN NUCLEAR PHYSICS FOR SOME TIME (POSITION DESCRIPTION INITIALLY CIRCULATED IN NOVEMBER 1969 FOR 1970 PROGRAM) PROJECT IS 12-MONTH ASSIGNMENT AT CENTRO ATOMICO BARILOCHE (CAB) AND INSTITUTO DE FISICA " DR. J. A. BALSEIRO" (IFB), SAN CARLOS DE BARILOCHO, RIO NEGRO, ARGENTINA. SUMMARY OF POSITION DESCRIPTION (ADDITIONAL COPIES POUCHED AMMONS, AEC) AS FOLLOWS:

SPECIAL FIELD: PULSED NEUTRON TECHNIQUES WITH ELECTRON LINEAR ACCELERATOR.

DUTIES: 1. ADVISE NEUTRON AND REACTOR PHYSICS GROUP OF REACTOR DEPT ON ABOVE TECHNIQUES.

2. PARTICIPATE IN SELECTION OF RESEARCH SUBJECTS AND PREP-

ARATION, PERFORMANCE AND INTERPRETATION OF EXPERIMENTS IN THIS FIELD.

3. TEACH AT GRADUATE LEVEL AT IFB.

QUALIFICATIONS: SEVERAL YEARS EXPERIENCE, PREFERABLY BOTH ELECTRON ACCELERATORS AND RESEARCH ON PULSED MULTIPLYING SYSTEMS OF SHORT NEUTRON LIFETIME (FAST SYSTEMS).

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LANGUAGES: ENGLISH OR SPANISH.

BACKGROUND: AROUND NEWLY BUILT 25 MEV LINAC, NEUTRON AND REACTOR PHYSICS GROUP BEING STARTED FOR RESEARCH AND TRAINING SUPPORT OF REACTOR DEPT ARGENTINE ATOMIC ENERGY COMMISSION. EQUIPMENT BEING INSTALLED FOR TIME OF FLIGHT EXPERIMENTS. 17 METER FLIGHT TUBE, HEAVY TARGETS FOR NEUTRON PRODUCTION, ELECTRONICS AND DETECTORS ON HAND, FAST- NEUTRON MULTIPLYING SYSTEM MAY BE OBTAINED. BULL- GENERAL ELECTRIC 625 COMPUTER, LOCATED IN BUENOS AIRES, IS USED BY CAB RESEARCHERS AND ALSO BY REACTOR DEPT.

2. ARGENTINA HAS SUGGESTED FOLLOWING AS POTENTIAL SOURCES FOR EXPERT:

A. GULF RADIATION INSTITUTE
JOHN JAY HOPKINS LABORATORY FOR PURE AND APPLIED SCIENCE
PO BOX 608
SAN DIEGO, CALIFORNIA

B. RENSSELAER POLYTECHNIC INSTITUTE
TROY, NEW YORK.

3. REQUEST AEC CONTACT ABOVE OR OTHER POTENTIAL SOURCE FOR US CANDIDATE THIS ASSIGNMENT.

4. ADVISE. PORTER

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*** Current Handling Restrictions *** n/a

*** Current Classification *** UNCLASSIFIED

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